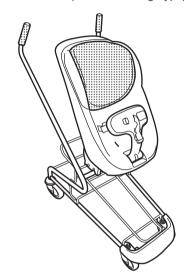
Shopping Cart for Bables

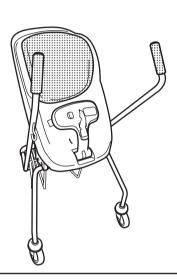
Please save this manual for future.

Combi ANGEL WAGON AW5/6 Series Instruction Manual / Inspection Manual

AW5 Series (Forward Facing Type)



AW6 Series (Rear Facing Type)



This manual describes the information required to use the Combi ANGEL WAGON AW5/6 Series safely and easily. Before use, carefully read this manual to correctly use and inspect the cart. After reading, keep this manual for future reference.

CombiWith Corporation

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Combi ANGEL WAGON AW5/6 Series Instruction Manual

1 Product Application

• The Combi ANGEL WAGON AW5/6 Series (hereinafter, this product) is a single-seat shopping cart to seat a child while, shopping at retailers.

2 Safety Guidelines for Using the Product

• If the product is not used in compliance with the content of this instruction manual, it may cause a risk of injury to the child or the user or a risk of property damage. The content related to safety is separated into Warnings and Cautions depending on the severity of the risk. Read these guidelines before use and observe them to ensure safety.

<u> </u>	Wa	rnin	g
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• This indicates that ignoring this warning or mishandling it incorrectly may result in death or serious injury.



 This indicates that ignoring this caution or handling it incorrectly may result in personal injury or property damage.

3 Precautions for Shop Owners

Do not modify the product.

Otherwise, the strength of the product may decrease, which may lead to an accident.

/ Warning

Carry out daily inspection, as well as periodic inspection once every 6 months, to ensure safety.
 If the inspections are not carried out, degradation or damage of the product may not be discovered, which may lead to injuries or serious accidents.

· Remove any damaged product.

If a customer uses a damaged product by mistake, or if a child plays with it, it may result in an injury or a serious accident.

Do not use the product for a different purpose, such as carrying heavy loads.
 Otherwise, it may damage the product.

For the inspection methods, refer to the Inspection manual on page 8 of this document.



• Do not leave the product outside the shop or in a parking lot.

Otherwise, it may be damaged or cause an accident by being hit by a car or people.

• Do not leave the product in the rain. Otherwise, it may rust or get dirty.

The product is a shopping cart for children to sit on. Wipe it regularly to keep it clean.

Also clean the product after carrying out an inspection or part replacement to remove the dirt generated by such work.

Cleaning Method

Regular cleaning method

Wipe the product with a cloth dampened with diluted neutral detergent, then with a cloth dampened with water, and finally with a dry cloth to completely remove remaining detergent and water.

■ Seat-unit* cleaning method

Cleaning with alcohol for sterilization

Use a cloth soaked in alcohol for sterilization (concentration: 80% or less) to wipe the product. Furthermore, wipe the product with a cloth dampened with water, and then with a dry cloth, to remove moisture. *Do not spray alcohol directly to the seat-unit.

Cleaning with sodium hypochlorite

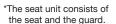
Use a cloth soaked in diluted sodium hypochlorite (concentration: 0.02% (200 ppm) or less) to wipe the product. Furthermore, wipe the product with a cloth dampened with water, and then with a dry cloth, to remove moisture. *Do not spray sodi hypochlorite directly to the seat-unit.



Do not use alcohol for sterilization or sodium hypochlorite on areas other than the seat-unit. This may damage parts, such as by causing degradation, discoloration, or cracks.



Do not use unspecified detergents or chemicals (such as benzene or thinners) This may damage parts, such as by causing degradation, discoloration, or cracks.



4 Product Specifications

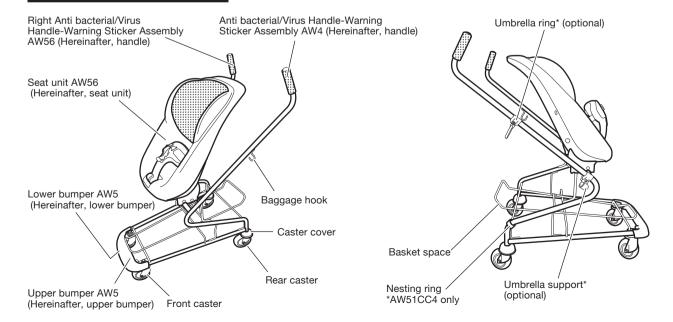
Product Type			s (Forward Facing Type) faces the same direction.		ies (Rear Facing Type) uces the customer caregiver.	
		AW51CC2	Combi ANGEL WAGON AW51CC2 Antistatic	AW61CC2	Combi ANGEL WAGON AW61CC2 Antistatic	
		AW51CC4	Combi ANGEL WAGON AW51CC4 Antistatic	AW61CC4	Combi ANGEL WAGON AW61CC4 Antistatic	
Product Code	Product Name	AW51 Tente AS	Combi ANGEL WAGON AW51 Tente 125 Auto Slope			
		AW51 Hammer AS	Combi ANGEL WAGON AW51 Hammer 100 Auto Slope			
		AW51ST	Combi ANGEL WAGON AW51 100 Stopper	AW61ST	Combi ANGEL WAGON AW61 100 Stopper	
Applicable	Applicable Ages/Height From 2 months to 4 years old (8 months) / Up to	o 103 cm (3'5")	
Weigh	nt Limit	18 kg or less				
	External Dimensions (standard specifications)		Seat in the full upright position W 572 × D 903 × H 1,089 mm Seat in the fully reclained position W 572 × D 957 × H 1,089 mm		e upright or flat position D 847 × H 1,095 mm	
Nestir	g Pitch		233	mm		
Weight (stand	ard specifications)		15 kg	13 kg		
Co	olor		Wh	nite		
Main M	1aterials	Body: Steel	(rust-proof), seat unit: polypro	pylene, headrest	: thermoplastic elastomer	
Optional Umbrella holder *For caster options, see page 4, "Caster types"				aster types"		
Lifetime 5 years; the product must be repla			placed at the end	of the lifetime.		
Shopping Basket Dimensions Length: 410 to 510 mm, width: 300 *The basket dimensions differ from the abovemention.		to 360 mm, heig	ht: 270 mm or less d in the bottom basket space.			
Usage	Location		Indo	oors		

^{*}Product specifications are subject to change without notice.

5 Part Names

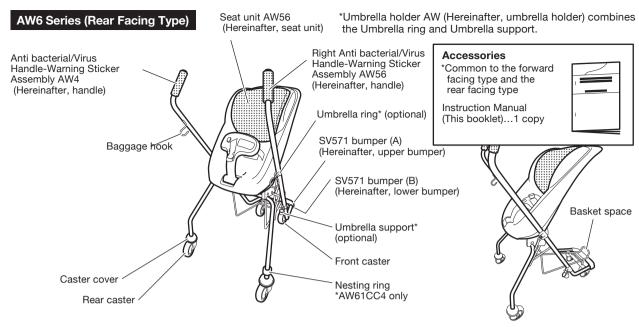
AW5 Series (Forward Facing Type)

*Umbrella holder AW (Hereinafter, umbrella holder) combines the Umbrella ring and Umbrella support.



^{*}When disposing of the product, use an appropriate method according to the local legislation on waste disposal.

^{*}The product external dimensions and weight are approximate values.



Seat unit *Common to Forward Facing Type and Rear Facing Type R lever (Hereinafter, reclining lever) Headrest AW56 (Hereinafter, headrest) Belt cover AW56 Seatback cover AW56 (Hereinafter, belt cover) (Hereinafter, seatback cover) Seatback AW56 (Hereinafter, seat) E belt; width: 30 (Hereinafter, belt) Guard assembly AW56 (Hereinafter, guard) Belt holder Belt lock button Belt clip (Hereinafter, release button)

Caster type

Product Type	AW5 Series (Forward Facing Type)		AW6 Series (Rear Facing Type)	
	Combi ANGEL WAGON AW51CC2 Antistatic Low-noise casters; front-wheel assembly / Antistatic casters; rear-wheel assembly (Hereinafter, CC2 Antistatic casters (dia. 100))		Combi ANGEL WAGON AW61CC2 Antistatic	Low-noise casters; front-wheel assembly / Antistatic casters; rear-wheel assembly (Hereinafter, CC2 Antistatic casters (dia. 100))
Product	Combi ANGEL WAGON AW51CC4 Antistatic	Antistatic casters; front-wheel assembly / Antistatic casters; rear-wheel assembly (Hereinafter, CC4 Antistatic caster (dia. 100))	Combi ANGEL WAGON AW61CC4 Antistatic	Antistatic casters; front-wheel assembly / Antistatic casters; rear-wheel assembly (Hereinafter, CC4 Antistatic caster (dia. 100))
Name Caster Type	Combi ANGEL WAGON AW51 Tente 125 for auto slope (optional)	Tente AS caster front-wheel R/L set / Tente AS caster rear-wheel R/L set (Hereinafter, casters for auto slopes (dia. 125))		
	Combi ANGEL WAGON AW51 Hammer 100 for auto slope (optional)	Hammer AS caster front-wheel R/L set / Hammer AS caster rear-wheel R/L set (Hereinafter, casters with stopper (dia. 100))		
	Combi ANGEL WAGON AW51 100 Stopper (optional)	Hammer casters with stopper; front-wheel/rear-wheel set (Hereinafter, casters with stoppers (dia. 100))	Combi ANGEL WAGON AW61 100 stopper (optional)	Hammer casters with stopper; front-wheel/rear-wheel set (Hereinafter, casters with stoppers (dia. 100))

Warning

- . Never leave the cart with the child seated in it. Otherwise, your child may fall or result in an accident.
- Be sure to fasten the guard during use (Tighten as an adult's finger can fit in).

The child may fall if the guard is not correctly fastened.

- Do not use the product on escalators or auto slope*. (*Except when using the casters for auto slope.)
 - Otherwise, it may cause an unexpected accident, such as the product tipping over.
- Do not push down the top of the seat back strongly. Otherwise, the seat may get damaged, and your child may fall or result in an accident.
- . Do not place your child or any load onto top of the seat back.
 - Otherwise, the seat may get damaged, and your child may fall or result in an accident.
- . Seat the child in the seat. Do not place them in a shopping basket or on the loading space.
 - Otherwise, your child may fall or result in an accident.
- Make sure that the child does not stand up from the seat, fall from the seat, or put fingers or hands in moving parts.
- Do not allow the child to play with the product or to hang from a basket or handle.
 - Otherwise, it may cause an unexpected accident, such as the product tipping over.
- The seat must be used in the upright position if the head of the child is higher than the seat back
 - Otherwise, your child may have an accident, such as hitting their head on a wall or in-store display.

- Use the seat in the lowest position until your child can sit unassisted (until about 7 months old).
- An unexpected accident may occur if you move the product while your child cannot sit in a stable position.
- Do not overload the shopping basket or severely unbalance the cart.
 - Otherwise, it may cause an unexpected accident, such as the product tipping over.
- When using the umbrella holder, make sure that the umbrella handle or cane does not hit your surrounding objects.
- Report to the shop if you notice a deformation or damage on the product.
- Do not use the product on an uneven floor.

Otherwise, the product may tip over and your child may fall or result in an accident.

<When using the casters for auto slope>

- Do not release your hands from the handles when using the product on an auto slope.
- Leave a space of at least two meters between your cart and the cart in front of you.
 - Otherwise, the product may hit another cart and tip over, which may cause your child to fall or result in an accident.
- . Move straight when getting off.

Otherwise, the product may be caught in auto slope and tip over, and your child may fall or result in an accident.

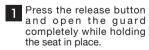
Correct Usage Method

*The illustration shows the AW5 Series (Forward facing type). The usage method for the AW6 Series (Rear facing type) is the same.

Operating the guard



- The seat must be used in the upright position if the head of the child is higher than the seat back.
- Be sure to fasten the guard during use (Tighten as an adult's finger can fit in).





After seating the child, pull the belt firmly while pushing the guard with one hand



Store the free end of the belt in the belt holder.



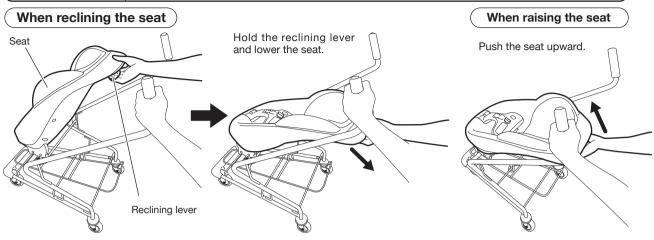
When you have finished using the cart, press the release button and pull the quard toward you while holding the seat with one hand.



How to adjust *There are three reclining positions.



Use the seat in the most reclined position until your child can sit unassisted (until about 7 months old).

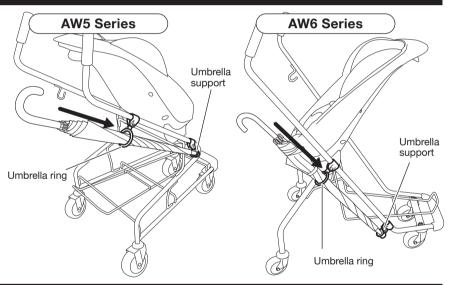


<When using options>

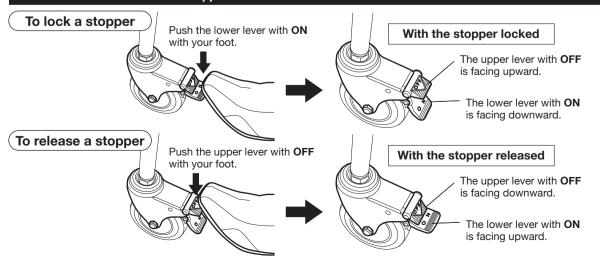
How to use the umbrella holder

The umbrella holder is installed on the right side of the operator on both the AW5 Series and AW6 Series.

- ① Pass your umbrella through the umbrella ring.
- 2 Insert the tip of your umbrella into the umbrella support.



How to use the casters with a stopper



Combi ANGEL WAGON AW5/6 Series Inspection Manual

This manual describes the necessary daily and periodic inspection procedures required to use the Combi ANGEL WAGON AW5/6 Series safely and comfortably.

Be sure to carry out the inspection daily or weekly and the periodic inspection once every 6 months correctly by following the procedures in the manual.

Warning

Carry out daily inspections, as well as periodic inspections once every 6 months, to ensure safety. If the inspections are not carried out, degradation or damage of the product may not be discovered, which may lead to injuries or serious accidents.

Daily inspection

Daily inspections are carried out by operating, visual, and touching the product. If a problem was found by an inspection, use the tools and perform inspection in accordance with the item.

Daily or weekly

Periodic inspection

Inspect each part of the product using the tools once every 6 months.

Once every 6 months

Required Tools

$\hat{\mathbb{W}}$	Caution
--------------------	---------

Do not use an electric tool for tightening. Always use your hand for tightening to avoid excessive tightening. If tightening is excessive, the screw head may be deformed and become sharp.

	in Unit Parts with	* are optional.			
Tool Name	Seat	Belt	Handle	Bumper	Umbrella holder*
Phillips screwdriver No. 2	● (1)	•(1)	•(1)	•(1)	
Phillips screwdriver No. 3					•(1)
Wrench (nominal size: 19 mm)					
Thin wrench (thickness of about 3 mm) (nominal size: 21 to 23 mm)					
Wrench (nominal size: 10 mm)	● (1)				•(1)
Box-end wrench (width: 8 mm)	● (1)	●(1)			
Hex key (short arm: 18 mm) (width: 10 mm)					
Hex key (width: 4 mm)	● (1)				
Hex key (width: 5 mm)					
Hex key (width: 2.5 mm)	● (1)	●(1)			
Precision flat blade screwdriver			•(1)		
Groove joint pliers			•(1)		

indicates that the tool is required; the number in parentheses
 indicates the required quantity.

^{*}Spare parts are retained for 5 years after the production date.

^{*}Required tools differ depending on the part. Some parts also require a dedicated tool. *Other than for auto slope, the AW5 series and AW6 Series tools are the same.

		Cast	er Type	
Tool Name	CC2 CC4 Antistatic Casters (dia. 100)	Casters with Stopper (dia. 100)	Casters for Auto Slope (dia. 100) AW5 Series (Forward Facing Type) only	Casters for Auto Slope (dia. 125) AW5 Series (Forward Facing Type) only
Phillips screwdriver No. 2				
Phillips screwdriver No. 3				
Wrench (nominal size: 19 mm)	●(2)	●(1)	•(1)	●(1)
Thin wrench (thickness of about 3 mm) (nominal size: 21 to 23 mm)		●(1)	●(1)	
Wrench (nominal size: 10 mm)				
Box-end wrench (width: 8 mm)				
Hex key (short arm: 18 mm) (width: 10 mm)				●(1)
Hex key (width: 4 mm)				
Hex key (width: 5 mm)				
Hex key (width: 2.5 mm)				
Precision flat blade screwdriver				
Groove joint pliers				

• indicates that the tool is required; the number in parentheses () indicates the required quantity.

*Required tools differ depending on the part. Some parts also require a dedicated tool. *Other than for auto slope, the AW5 series and AW6 Series tools are the same.



Do not use any object or tool other than the parts already installed to the product at the time of delivery, and the parts and tools specified by Combi. Otherwise, it may cause damage, malfunction, or unexpected accidents.

Daily Inspections

During inspections, use the "Check sheet for daily inspections" on page 12. Daily inspections are carried out by operating, visual, and touching the product daily or weekly. If a problem was found by an inspection, use the tools and perform inspection in accordance with the item.

• If a problem was found during an inspection, immediately stop using the product and contact the sales agent and request a repair.

A. Inspection of external appearance			
Inspection Item	Inspection Method	Inspection Criterion	Measure in Case of Defec
① Dislocation of seat unit	Operation, visual, and touch	The seat unit does not come off when it is moved up and down	Stop use
② Rattling of parts(seat unit/belt cover)	Operation, visual, and touch	There is no rattling when trying to move it by hand	Tighten See page 13
③ Dislocation, loss, deformation, or rusting of screws or metal fittings	Visual	No dislocation, loss, deformation, or rusting	Replace
4 Fraying or damage of guard belt	Visual	No severe fraying or damage	Replace
⑤ Soiling of guard belt	Visual	No soiling	Clean
Damage or loss of caster covers	Visual and touch	No damage or loss	Replace
① Damage or loss of bumper	Visual and touch	No damage or loss	Replace
® Damage, loss, or dislocation of headrest	Visual and touch	No damage, loss, or dislocation	Replace
Soiling of headrest	Visual	No soiling	Clean
10 Damage or loss of handle	Visual and touch	No damage or loss	Replace
① Damage of seat	Visual and touch	No damage or loss	Stop use
② Soiling of seat	Visual	No soiling	Clean
③ Peeling of paint	Visual and touch	No peeling	Stop use
(4) Cracking or damage of paint	Visual and touch	No cracks or damage	Stop use
15 Bending of frame	Visual and touch	No deformation	Stop use
® Damage of Baggage hook	Visual and touch	No damage	Stop use
① Damage, loss, or dislocation of nesting ring (AW51/AW61 CC4 only)	Visual and touch	No damage, loss, or dislocation	Replace
® Damage, loss, dislocation, or rattling of umbrella holder*1	Visual and touch	No damage, loss, dislocation, or rattling	Replace

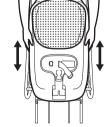
*1. When umbrella holder is attached

See page 13 See periodic inspections on page 13

12 Dislocation of seat unit, rattling of parts

Seat unit

Make sure that there is no rattling when the seat unit is moved up and down. If there is rattling, refer to page 13, and then tighten the screws.



Belt cover

Make sure that there is no rattling when the belt cover is moved by hand. If there is rattling, refer to page 13, and then tighten the screws.

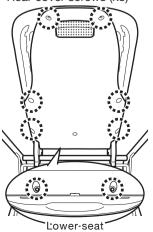




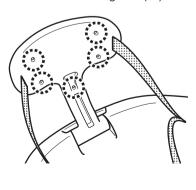
3 Check of screws and metal fittings

Make sure that there is no dislocation, loss, deformation, or rusting of screws or metal fittings.

• Rear cover screws (x8)



Screws at back of guard (x5)



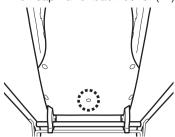
• Seat fixing screws (x4 on left and right)



• Belt cover fixing screw (x1)



• Hex cap nut of back cover (x1)

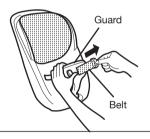


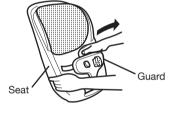
B. Inspection of operation			
Inspection Item	Inspection Method	Inspection Criterion	Measure in Case of Defect
19 Locking and releasing of the guard belt	Operation, visual, and touch	Can be locked and released	Replace
@ Reclining operation	Operation, visual, and touch	Can be reclined to 3 positions	Repair
② Reclining lock	Operation, visual, and touch	Locks securely at 3 positions	Repair
② Caster rotation	Operation, visual, and touch	Rotate smoothly	Replace
② Stopper operation*2	Operation, visual, and touch	Can be locked and released	Replace

^{*2.} When stopper is attached

19 Inspection of guard operation

- ① Pull the belt while pushing the guard to check that the guard is tightened.
- ② Pull on the top of the guard while holding the seat in place to check that the guard does not open.
- ③ Press the release button and pull the guard toward you while holding the seat with one hand to check that the guard opens to the front.



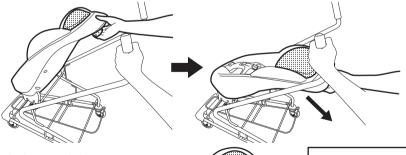


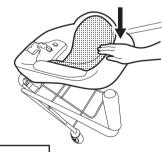


2021 Inspection of reclining operation

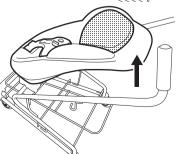
*The illustration shows the AW5 Series (Forward facing type). The inspection of operation for the AW6 Series (Rear facing type) is the same.

- ① Raise the reclining lever, check that the lock is released, and, with the lever in the raised position, lower the seat, and check that it reclines (to 3 positions).
- ② Push the seat lightly from above to check that the position is locked.





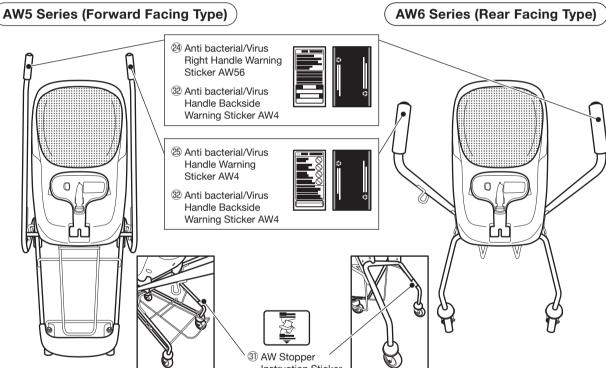
③ Push the top of the seat upward from the rear to check that it stops in each reclining location (middle and upper locations).

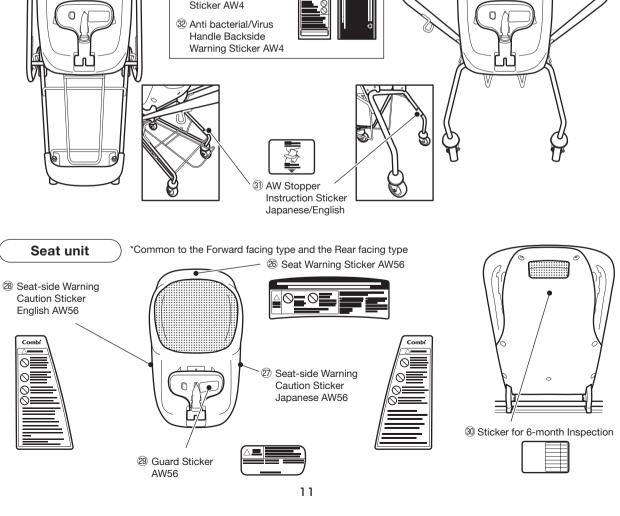


If the seat does not stop at the three reclining locations and moves to a location almost horizontal, or if it rotates to the bottom side, the seat is defective.

C. Inspection of stickers			
Inspection Item	Inspection Method	Inspection Criterion	Measure in Case of Defect
Anti bacterial/Virus Right Handle Warning Sticker AW56			
anti bacterial/Virus Handle Warning Sticker AW4			
Seat Warning Sticker AW56			
② Seat-side Warning Caution Sticker Japanese AW56			
Seat-side Warning Caution Sticker English AW56	Visual	Stickers are legible and free	Replace
2 Guard Sticker AW56		of peeling and tears	
3 Sticker for 6-month Inspection			
③ AW Stopper Instruction Sticker Japanese/English*2			
Anti bacterial/Virus Handle Backside Warning Sticker AW4			

^{*2.} When stopper is attached





Check sheet for daily inspections

Daily or weekly

Make copies of this page for use during inspections. Keep this check sheet after filling it out.

		Date	Date	Date	Date	Date	Date	Date
In an as Para House	Inspection	(year)	(year)	(year)	(year)	(year)	(year)	(yea
Inspection Item	Method	/	/	/	/	/	/	/
		carts	carts	carts	carts	carts	carts	car
Inspection of external appearance								
① Dislocation of seat unit	Operation, visual, and touch							
② Rattling of parts (seat unit/belt cover)	Operation, visual, and touch							
③ Dislocation, loss, deformation, or rusting of screws or metal fittings	Visual							
4 Fraying or damage of guard belt	Visual							
Soiling of guard belt	Visual							
Damage or loss of caster covers	Visual and touch							
① Damage or loss of bumper	Visual and touch							
® Damage, loss, or dislocation of headrest	Visual and touch							
Soiling of headrest	Visual							
10 Damage or loss of handle	Visual and touch							
① Damage of seat	Visual and touch							
② Soiling of seat	Visual							
(3) Peeling of paint	Visual and touch							
(4) Cracking or damage of paint	Visual and touch							
(5) Bending of frame	Visual and touch							
(6) Damage of Baggage hook	Visual and touch							
Damage, loss, or dislocation of nesting ring (AW51/AW61 CC4 only)	Visual and touch							
B Damage, loss, dislocation, or rattling of umbrella holder*1	Visual and touch							
Inspection of operation								
Locking and releasing of the guard belt	Operation, visual, and touch							
Reclining operation	Operation, visual, and touch							
② Reclining lock	Operation, visual, and touch							
2 Caster rotation	Operation, visual, and touch							
3 Stopper operation*2	Operation, visual, and touch							
Inspection of stickers								
Anti bacterial/Virus Right Handle Warning Sticker AW56	Visual							
② Anti bacterial/Virus Handle Warning Sticker AW4	Visual							
® Seat Warning Sticker AW56	Visual							
② Seat-side Warning Caution Sticker Japanese AW56	Visual							
Seat-side Warning Caution Sticker English AW56	Visual							
@ Guard Sticker AW56	Visual							
30 Sticker for 6-month Inspection	Visual							
③ AW Stopper Instruction Sticker Japanese/English*2	Visual							
② Anti bacterial/Virus Handle Backside Warning Sticker AW4	Visual							
Inspected by								
Approved by								

^{*1.} When umbrella holder is attached *2. When stopper is attached

If a problem is found during an inspection, immediately **stop using the product** and deal with the problem by following the measure in case of defect. When the measure in case of defect involves a replacement or repair, always contact the sales agent and request a repair.

Periodic Inspections

During inspections, use the "Check sheet for periodic inspections" on page 14. Periodic inspections are to be performed every six months. • If a problem was found during an inspection, immediately stop using the product and contact the sales agent and request a repair.

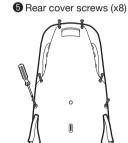
A. Inspection of casters			
Inspection Item	Inspection Method	Inspection Criterion	Measure in Case of Defect
Tightening of front casters	Visual and touch (For required tools, see page 8)	Has not fallen off and is not loose	Tighten
2 Tightening of rear casters	Visual and touch (For required tools, see page 8)	Has not fallen off and is not loose	Tighten
3 Caster rotation	Operation, visual, and touch	Rotates smoothly (Any trapped waste, hair, etc. must be removed.)	Replace
Wear of caster tires	Visual	No uneven wear	Replace

For more details, see the caster replacement procedure on page 16 to 18.

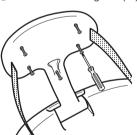
Inspection Item	on Item Inspection Method		Measure in Case of Defec
6 Rear cover screws (x8)	Visual and touch (Phillips screwdriver No. 2)		Tighten
6 Screws at back of guard (x5)	Visual and touch (Phillips screwdriver No. 2)		Tighten
Seat fixing screws (x4 on left and right)	Visual and touch (Hex key (width: 4 mm), Wrench (nominal size: 10 mm))		Tighten
Hex socket bolt fixing the belt cover (x1)	Visual and touch (Hex key (width: 2.5 mm), Box-end wrench (width: 8 mm))	Has not fallen off	Tighten
Hex cap nut of back cover (x1)	Visual and touch (Hex key (width: 2.5 mm), Box-end wrench (width: 8 mm))	and is not loose	Tighten
Screws of bumper (X5)	Visual and touch (Phillips screwdriver No. 2)		Tighten
Fixing screw of umbrella holder (one each for umbrella ring and umbrella support)*1	Visual and touch (Phillips screwdriver No. 3, Wrench (nominal size: 10 mm))		Tighten

^{*1.} When umbrella holder is attached

The illustration shows the AW5 Series (Forward facing type). The inspection of operation for the AW6 Series (Rear facing type) is the same.



6 Screws at back of guard (x5)



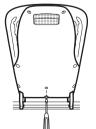
8 Hex socket bolt fixing the belt cover (x1)

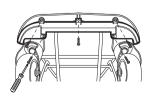


Seat fixing screws

9 Hex cap nut of back cover (x1)

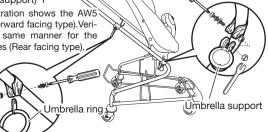
Screws of bumper (X5) "The illustration shows the AW5 Series. The AW6 series has the similarly bumper and screws.





Tixing screw of umbrella holder (one each for umbrella ring and umbrella support)*1

*The illustration shows the AW5 Series (Forward facing type). Verify in the same manner for the AW6 Series (Rear facing type)



C. Recording of inspection date

After a periodic inspection, in addition to filling out the following check sheet, write the date of the inspection on the inspection sticker affixed below the reclining lever.





Check sheet for periodic inspections

Once every 6 months

Make copies of this page for use during inspections. Keep this check sheet after filling it out.

<u> </u>	Caution
----------	---------

Do not use an electric tool for tightening. Always use your hand for tightening to avoid excessive tightening. If tightening is excessive, the screw head may be deformed and become sharp.

			Date	Date	Date	Date	Date	Date	Date
	Inspection Method		(year)	(year)	(year)	(year)	(year)	(year)	(year
Inspection Item			/	/	/	/	/	/	/
			carts	carts	carts	carts	carts	carts	carts
Inspection of casters									
Tightening of front casters		and touch tools, see page 8)							
2 Tightening of rear casters		and touch tools, see page 8)							
3 Caster rotation	Operation, v	isual, and touch							
4 Wear of the caster tires	V	/isual							
Inspection of tightening of screw	S								
6 Rear cover screws (x8)		and touch ewdriver No. 2)							
6 Screws at back of guard (x5)	Visual and touch (Phillips screwdriver No. 2)								
Seat fixing screws (x4 on left and right)	Visual and touch (Hex key (width: 4 mm), Wrench (nominal size: 10 mm))								
Hex socket bolt fixing the belt cover (x1)	Visual and touch (Hex key (width: 2.5 mm), Box-end wrench (width: 8 mm))								
Hex cap nut of back cover (x1)	Visual and touch (Hex key (width: 2.5 mm), Box-end wrench (width: 8 mm))								
Fixing screws of bumper (rear side: x 4; opposite side: x 5)	Visual and touch (Phillips screwdriver No. 2)								
Fixing screw of umbrella holder (one each for umbrella ring and umbrella support)*1	Visual and touch (Phillips screwdriver No. 3, Wrench (nominal size: 10 mm))								
Inspection of external appearance	е		,				,		
① Dislocation of seat unit		Operation, visual, and touch							
② Rattling of parts (seat unit/belt cover)		Operation, visual, and touch							
③ Dislocation, loss, deformation, or rusting of screws or metal fittings		Visual							
4 Fraying or damage of guard belt		Visual							
Soiling of guard belt		Visual							
6 Damage or loss of caster covers		Visual and touch							
⑦ Damage or loss of bumper		Visual and touch							
® Damage, loss, or dislocation of h	eadrest	Visual and touch							
Soiling of headrest		Visual							

^{*1.} When umbrella holder is attached

		Date	Date	Date	Date	Date	Date	Date
Inspection Item	Inspection Method	(year)	(year)	(year)	(year)	(year)	(year)	(yea
			/	/	/	/	/	/
		carts	carts	carts	carts	carts	carts	car
Inspection of external appearance								
10 Damage or loss of handle	Visual and touch							
① Damage of seat	Visual and touch							
② Soiling of seat	Visual							
③ Peeling of paint	Visual and touch							
(4) Cracking or damage of paint	Visual and touch							
(5) Bending of frame	Visual and touch							
(6) Damage or loss of Baggage hook	Visual and touch							
① Damage, loss, or dislocation of nesting ring (AW51/AW61 CC4 only)	Visual and touch							
® Damage, loss, dislocation, or rattling of umbrella holder*1	Visual and touch							
Inspection of operation								
Locking and releasing of the guard belt	Operation, visual, and touch							
Reclining operation	Operation, visual, and touch							
② Caster rotation	Operation, visual, and touch							
Reclining lock	Operation, visual, and touch							
⊗ Stopper operation*2	Operation, visual, and touch							
Inspection of stickers								
Anti bacterial/Virus Right Handle Warning Sticker AW56	Visual							
25 Anti bacterial/Virus Handle Warning Sticker AW4	Visual							
8 Seat Warning Sticker AW56	Visual							
② Seat-side Warning Caution Sticker Japanese AW56	Visual							
8 Seat-side Warning Caution Sticker English AW56	Visual							
29 Guard Sticker AW56	Visual							
30 Sticker for 6-month Inspection	Visual							
③ AW Stopper Instruction Sticker Japanese/English*2	Visual							
② Anti bacterial/Virus Handle Backside Warning Sticker AW4	Visual							
Inspected by								
Approved by								

^{*1.} When umbrella holder is attached *2. When stopper is attached

If a problem is found during an inspection, immediately **stop using the product** and deal with the problem by following the measure in case of defect. When the measure in case of defect involves a replacement or repair, always contact the sales agent and request a repair.

Combi ANGEL WAGON AW5/6 Series Part Replacement Procedures

If a problem is found during a daily or periodic inspection, and a new replacement part must be installed, carefully read these replacement procedures, and then replace the part correctly.

Caster replacement procedure

The tools required for the caster replacement procedure differ depending on the caster type.

< Caster types >

- CC2/CC4 Antistatic caster (dia. 100)
- 2 Casters with stopper (dia. 100)
- 3 Casters for Auto Slope (dia. 100)
- *AW5 Series (Forward facing type) only
- 4 Casters for Auto Slope (dia. 125)
- *AW5 Series (Forward facing type) only



- Tighten the caster at a minimum torque of 42 N•m. If the caster is loose, it detaches from the cart, which may lead to an injury or a serious accident.
 - *If you do not have a torque wrench, tighten the casters firmly using a wrench with a handle of 250 mm or longer.
- Always inspect the new part after replacement by following the periodic inspection instructions (page 13).



Always replace the right and left casters at the same time.

Replacement procedure for Antistatic Caster (dia. 100)



Always inspect the new part after replacement by following the periodic inspection instructions (page 13).

*The illustration shows the AW5 Series (Forward facing type). The replacement procedure for the AW6 Series (Rear facing type) is the same.

Rear casters

Required tools

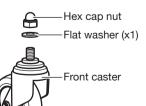
The tools on the right are required for this procedure.

• Wrench (nominal size: 19 mm) (x2)



Hex cap nut Wrench Flat washer (x1) Wrench

Antistatic front caster (dia. 100)



Removal

Front caster

While holding the hex cap nut in place with the wrench, rotate the bolt counterclockwise using the other wrench. Remove the front-wheel casters and flat washers.

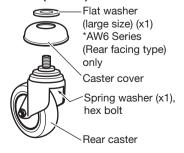
Hex holt

Installation

Install the casters by following the removal procedure in the reverse order and tighten them securely using the wrench.

Flat washer (large size) (x1) *AW6 Series (Rear facing type) only Caster cover Wrench Rear caster Spring washer (x1) Hex bolt

Antistatic rear caster (dia. 100)



Removal

Rotate the bolt counterclockwise using the wrench.

Remove the rear casters and spring washers.

Installation

Install the casters by following the removal procedure in the reverse order and tighten them securely using the wrench.



Do not lose the flat washers of the rear casters (large size), because they will be used again.

2

Replacement procedure for casters with stoppers (dia. 100)

Warning

Always inspect the new part after replacement by following the periodic inspection instructions (page 13).

*The illustration shows the AW5 Series (Forward facing type). The replacement procedure for the AW6 Series (Rear facing type) is the same.

Required tools

The tools on the right are required for this procedure.

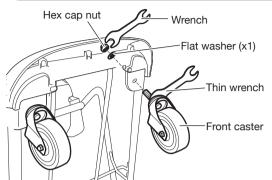
• Wrench (nominal size: e 19 mm) (x1)



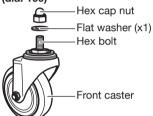
 Thin wrench (thickness of about 3 mm) (nominal size: 21 to 23 mm) (x1)







Front caster with stopper (dia. 100)



Removal

While holding the hex cap nut in place with the wrench, rotate the bolt counterclockwise using the thin wrench. Remove the front casters and flat washers.

Installation

Install the casters by following the removal procedure in the reverse order and tighten them securely using the wrench.



Spring washer

(x1)

Rear caster with stopper (dia. 100)

Rear casters



Removal

Rotate the bolt counterclockwise using the thin wrench. Remove the rear casters and spring washers.

Installation

Install the casters by following the removal procedure in the reverse order and tighten them securely using the wrench.

3

Replacement procedure for casters for auto slopes (dia. 100) and safety wheels

Wrench

(x1)

Flat washer

Marning

Always inspect the new part after replacement by following the periodic inspection instructions (page 13).

*AW5 Series (Rear facing type) only.

Required tools

Hex cap nut

The tools on the right are required for this procedure.

Front casters

 Wrench (nominal size: 19 mm) (x1)



Caution

Install the correct casters for the

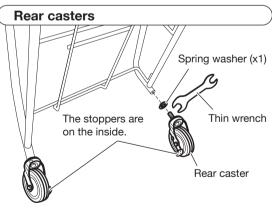
right and left sides. If the casters

are installed on the wrong side, the stoppers will face outward

and may be damaged if they hit a wall or another object.
*The same applies to the rear

19 mm) (x1)

 Thin wrench (thickness of about 3 mm) (nominal size: 21 to 23 mm) (x1)

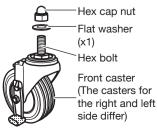


Front caster
The stoppers are

on the inside.

Safety wheel

Front caster for auto slopes (dia. 100)



Removal

Thin wrench

casters.

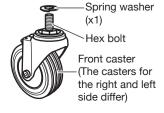
While holding the hex cap nut in place with the wrench, rotate the bolt counterclockwise using the thin wrench.

Remove the front casters, safety wheels, and flat washers.

Installation

Install the casters by following the removal procedure in the reverse order and tighten them securely using the wrench.

Rear caster for auto slopes (dia. 100)



Removal

Rotate the bolt counterclockwise using the thin wrench.

Remove the rear casters and spring washers.

Installation

Install the casters by following the removal procedure in the reverse order and tighten them securely using the wrench.

17

4

Replacement procedure for casters for auto slope (dia. 125)

⚠ Warning

Always inspect the new part after replacement by following the periodic inspection instructions (page 13).

Required tools

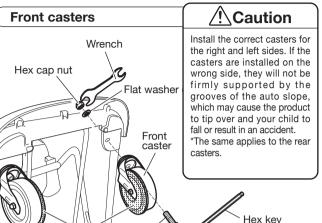
The tools on the right are required for this procedure.

 Wrench (nominal size: 19 mm) (x1)



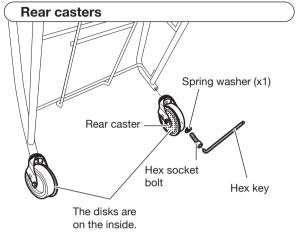
Hex key (short arm: 18 mm) (width: 10 mm)(x1)

*AW5 Series (Rear Facing Type) only. : 18 mm)



Hex socket

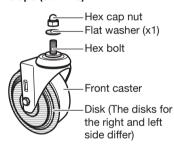
bolt



Front caster for auto slope (dia. 125)

The disks are

on the inside.



Removal

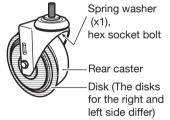
While holding the hex cap nut in place with the wrench, rotate the bolt counterclockwise using the hex key.

Remove the front casters and flat washers.

Installation

Install the casters by following the removal procedure in the reverse order and tighten them securely using the wrench and hex key.

Rear caster for auto slope (dia. 125)



Removal

Rotate the bolt counterclockwise using the hex key. Remove the rear casters and spring washers.

Installation

Install the casters by following the removal procedure in the reverse order and tighten them securely using the wrench and hex key.

Headrest replacement procedure

In case you find a problem with the headrest during a daily inspection, purchase a headrest replacement kit and carry out the replacement by following the procedure below.

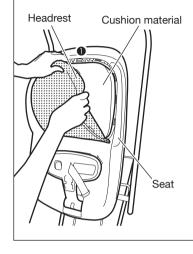
∕!**`**Warning

Always inspect the new part after replacement by following the daily inspection instructions (page 9).

*The illustration shows the AW5 Series (Forward facing type). The replacement procedure for the AW6 Series (Rear facing type) is the same.

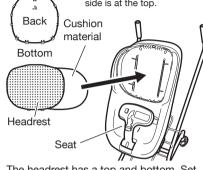
Removal

Insert your fingers into the gap 1 between the headrest and the seat and pull the headrest strongly toward you to remove it.



Installation

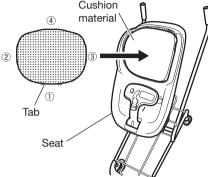
Insert new cushion material between the headrest and the seat. Set the headrest so that the Top engraved "上" on the rear side is at the top. Back Cushion material **Bottom**



The headrest has a top and bottom. Set the headrest so that the engraved "上" on the rear side is at the top.

*The cushion material does not have any directions.

Strongly insert the headrest tabs into the seat in the following order: 1) to 4. Cushion material **(4)**



Make sure that all 13 tabs of the headrest are fitted.

Belt replacement procedure

In case you find that the belt is cut, frayed, or excessively dirty during the daily inspection, purchase a belt replacement kit and carry out the replacement by following the procedure below.



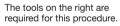
Always inspect the new part after replacement by following the daily inspection instructions (page 9).

Required tools

• Box-end wrench (width: 8 mm)



Phillips screwdriver No. 2









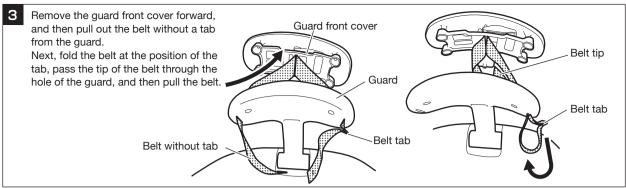
Removal

*The illustration shows the AW5 Series (Forward facing type). The replacement procedure for the AW6 Series (Rear facing type) is the same.

Using the hex key and box-end wrench, remove the hex socket bolt fixing the belt cover, the cap nut, and belt cover. Remove the cap nut Remove the belt cover (keep it to reuse) Hex kev Remove the hex socket bolt fixing the belt cover (Dispose of the bolt) Box-end wrench Do not lose the cap nut as Caution it will be reused.

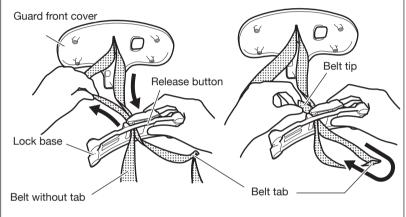
Using the Phillips screwdriver, remove the five (5) screws at the back of the guard. Screws at the Guard back of the guard Belt tab Caution

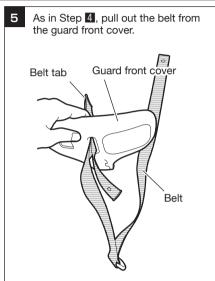
Do not lose the five (5) screws removed from the back of the guard as they will be reused.



Remove the assembly of the lock base and guard front cover. While pressing the release button of the lock base, pull out the belt without a tab.

Next, fold the belt at the position of the tab, pass the tip of the belt through the hole of the lock base, and then pull out the belt.





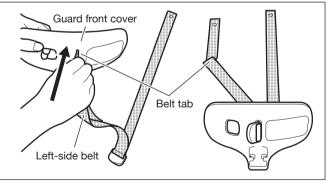
Installation

*The illustration shows the AW5 Series (Forward facing type). The replacement procedure for the AW6 Series (Rear facing type) is the same.

Pass the belt through the guard front cover.

Pass the belt with the tab first through the hole of the guard front cover, and then pass the belt without a tab.

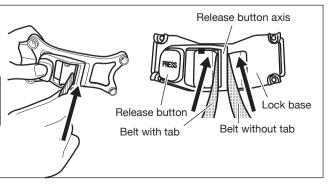
With the belt with a tab folded at the tab, pass the belt through so that the tab comes to the left side.

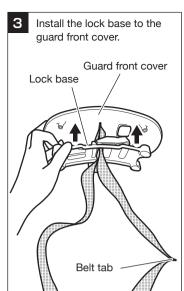


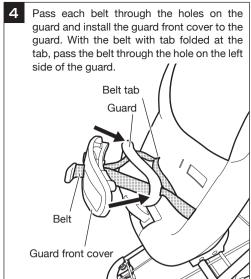
While pressing the release button, pass the belt through the hole in the lock base (white). With the belt with a tab folded at the tab, pass the belt from the hole on the left side of the axis of the release button.

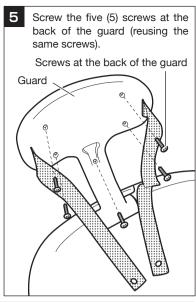
!Warning

Pass the belt on both sides of the release button axis. Do not pass both ends of the belt on one side.









the holes on the seat and superpose
the belt holes and the protruding part
at the center of the seat.
Round protruding part at
the center of the seat

Superpose the holes
on both ends of the belt

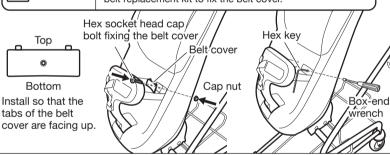
Pass both ends of the belt through

Install the belt cover to the seat and secure it with a hex socket bolt (a new belt cover fixing bolt with glue on it) and a cap nut (reusing the same cap nut).

The upper and lower sides of the belt cover are different. The belt cover cannot be installed with the wrong orientation.

Be sure to use the new hex socket bolt supplied in the belt replacement kit to fix the belt cover.

Hex socket head cap bolt fixing the belt cover





- Be sure to securely install the belt.
- Check that the belt is not twisted.
 If these two warnings are not observed, your child may fall or result in an accident.

Handle replacement procedure

In case you find a problem with the handle during a daily inspection, purchase handle parts and carry out the replacement by following the procedure below.

- Handle parts
- Right Anti bacterial/Virus Handle-Warning Sticker Assembly AW56: Handle on right side when viewed by user
- Left Anti bacterial/Virus Handle-Warning Sticker Assembly AW4: Handle on left side when viewed by user



Always inspect the new part after replacement by following the daily inspection instructions (page 9).

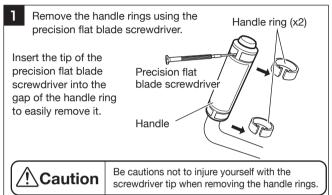
Required tools

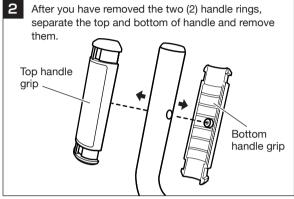
The tools below are required for this procedure.

- Precision flat blade screwdriver
- Groove joint pliers
 (use if the handle rings are stiff)

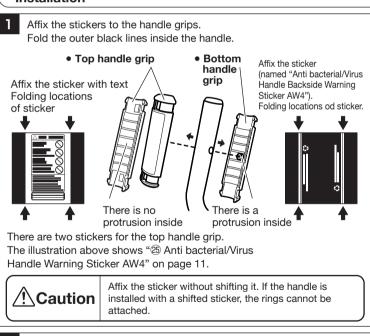


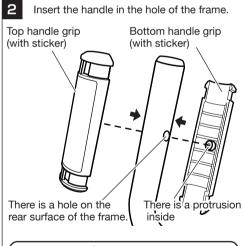
Removal





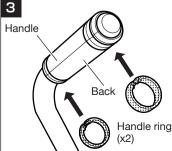
Installation







Before installation, make sure that the vertical orientations of the stickers are correct.



Secure the handle with the handle rings.

- When installing the handle rings, insert them fully to the bottom side until you hear a click. *Use the groove joint pliers if the handle rings are stiff.
- After installing the handle rings, check that there is no gap between the rings and the handle and the rings expose no sharp corners.



- Make sure that the left and right handles do not have the same display.
- Always use newly supplied handle rings. The used handle rings may be damaged by the precision flat blade screwdriver during the removal procedure.

Bumper replacement procedure

In case you find a problem with the bumper during a daily inspection, purchase a bumper replacement kit and carry out the replacement by following the procedure below.



Always inspect the new part after replacement by following the daily inspection instructions (page 9).

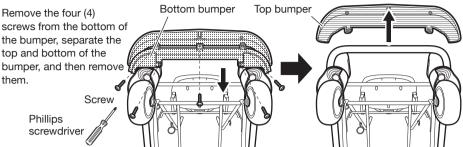
Required tools

The tools below are required for this procedure.

• Phillips screwdriver No. 2



AW5 Series (Forward Facing Type): Removal



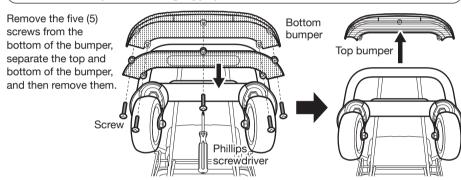
Installation

Install while following the removal procedure in the reverse order.

. Caution

Do not tighten the screws firmly. The top bumper is made of soft material.

AW6 Series (Rear Facing Type): Removal



Installation

Install while following the removal procedure in the reverse order.

. Caution

Do not tighten the screws firmly. The top bumper is made of soft material.

Umbrella holder replacement procedure

In case you find a problem with the umbrella holder during a daily inspection, purchase an umbrella holder set and carry out the replacement by following the procedure below.

*The umbrella holder is the same for the AW5 Series (Forward facing type) and AW6 Series (Rear facing type).



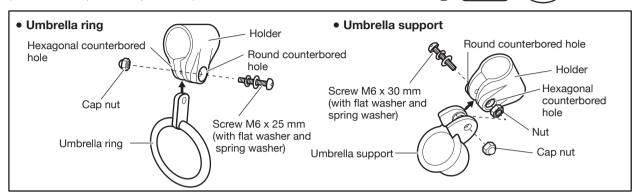
Always inspect the new part after replacement by following the daily inspection instructions (page 9).

Required tools

The tools below are required for this procedure.

• Phillips screwdriver No. 3 • Wrench (10 mm)

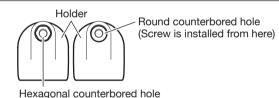
The umbrella holder set contains the following parts. (The screws are provisionally fastened.)



*The screw used for the Umbrella ring and the one used for the Umbrella support do not have the same length. Be sure to use the correct screw for each part.

! Caution

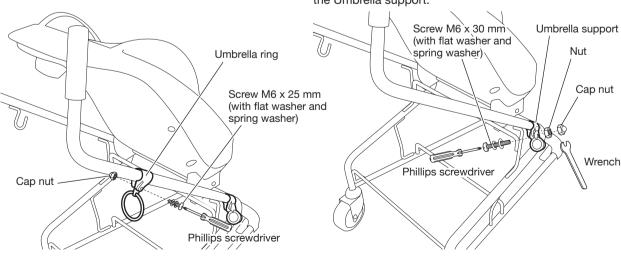
- The holder has two holes: a hexagonal counterbored hole to embed the nut and a round counterbored hole to hold the screw. Install the screw from the round counterbored hole. If the holes are confused, the screw will not be fixed securely, and the hole is more likely to be broken.
- When fixing the screw, do not over tighten. The hole is more likely to be broken.



AW5 Series (Forward Facing Type): Removal

Use the Phillips screwdriver to remove the screw (1) of the Umbrella ring.

Use the wrench to remove the cap nut, and then use the Phillips screwdriver to remove the screw (1) of the Umbrella support.



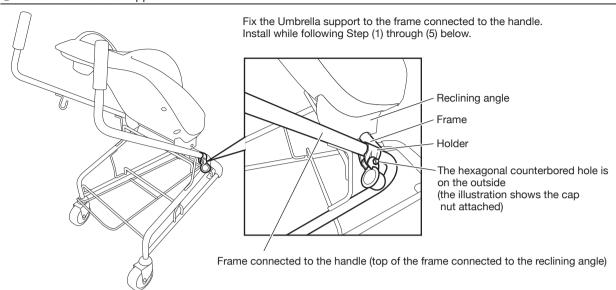
!Caution

Be careful when removing a screw. Nuts easily fall to the floor.

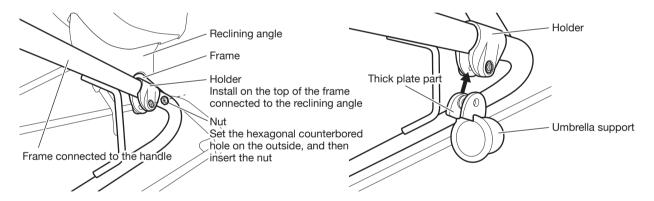
AW5 Series (Forward Facing Type): Installation

Install ① the Umbrella support, and then ② the Umbrella ring.

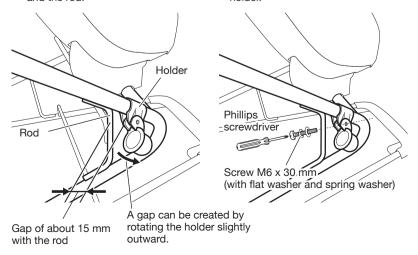
1) Install the Umbrella support.

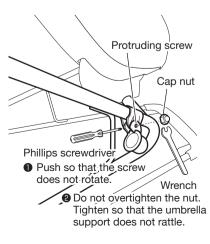


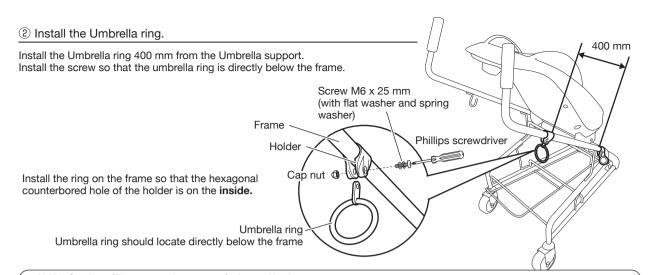
- (1) Install the holder on the frame connected to the handle, and then set the nut in the hexagonal counterbored hole.
- (2) Insert the thick plate part of the umbrella support in the center of the holder.



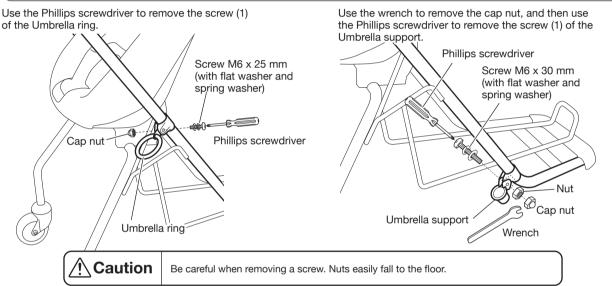
- (3) Set so that there is a finger-sized gap (about 15 mm) between the holder and the rod.
- (4) Using the Phillips screwdriver, tighten the screw (1) from the inside to fix the holder.
- (5) On the tip of the screw protruding outside, fit and secure the cap nut.







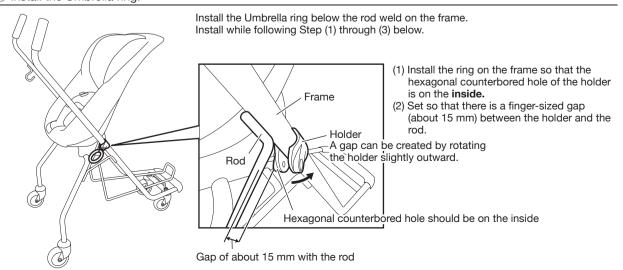
AW6 Series (Rear Facing Type): Installation

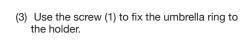


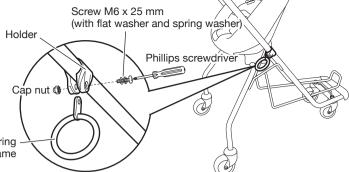
AW6 Series (Rear Facing Type): Removal

Install ① the Umbrella ring, and then ② the Umbrella support.

① Install the Umbrella ring.







Umbrella ring Umbrella ring should locate directly below the frame

2 Install the Umbrella support.

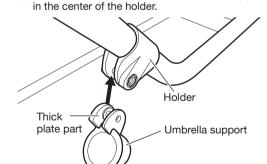
Install the Umbrella support 370 mm from the Umbrella ring. Install while following Step (1) through (5) below.

(1) Install the support on the frame so that the hexagonal counterbored hole of the holder is on the outside, and then insert the nut.



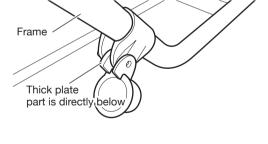
Hexagonal counterbored hole should be on the outside







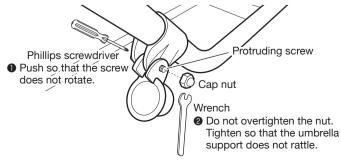
370 mm



(4) Using the Phillips screwdriver, tighten the screw (1) from the inside.



(5) On the tip of the screw protruding outside, fit and secure the cap nut.



• Inquiries about products

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This manual is available on the CombiWith website. It can also be downloaded (PDF) from (www.combiwith.co.jp/english/).